M-5001-37

Obsolete

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NEW INPUT ROUTINE

Effective immediately, the standard input routine for binary tapes will be that shown on the next page. As before, the block format is:

sto fa	|first address
−sto−la	|last address
wd 1	|data words
∘	
∘	
wd n	
cks	|− sum of all other words in |block.

Also as before, there are two types of start blocks to denote the end of the tape. Immediate start blocks consist of <u>trn</u> starting address, and transfer at once to the address specified. Delayed start blocks consist of <u>add</u> starting address, and will stop on a halt in the input routine, transferring to the starting address when <u>restart</u> is pressed.

The new input routine contains one halt instruction which is reached for both delayed start blocks and checksum errors. Delayed start blocks will display <u>add</u> starting address in the LR, while checksum errors will display <u>sto</u> last address in the LR. Pushing Restart will transfer to the starting address if stopped on a start block, and will restart the input routine in case of a checksum stop. In the latter case care should be taken that the tape is positioned in the reader at the beginning of a block.

new input routine

readin

17756|

```
b,        r3c
          sto a
          trn a
          cyl+lro+xro-opr-opr
          trn d
          r3c+lad-opr
          alr+xro-opr
c,        r3c
a,        xx
          lad
          alr
          ado a
          tix c
          r3c+lad-opr
          tze b
          ldx .-1
d,        hlt
          trx 0
```

xx=hlt

start add b

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